

Sanitary Survey Forms for Verifying Tier III**¹ Status

Town: _____

Beach Name: _____

Place Locus Arrow on Topographic Map

To Be Provided Upon Request

General Surface Drainage Basin Outlined in Red

I, _____ am a Registered Sanitarian in the Commonwealth of Massachusetts and hereby submit this sanitary survey in partial fulfillment of requirements for obtaining a waiver for weekly sampling under (105CMR 445.000). In my professional opinion, I believe that no conditions exist that constitute a risk to the public health for bathing beyond that of swimming at beaches classified as acceptable under the Massachusetts regulations (105CMR 445.000) I submit this document on _____ (date). The sanitary Survey was conducted on _____ (date).

Reviewed by the Board of Health on _____.

Name	Approval/Denial	Reasons
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Variance Granted on _____ and ends _____ pending a recertification of the survey.

Please List the Top Three Potential Sources for the Indicator Organism And Distance from the Bathing Area

Source	Distance
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Initials

Date

¹ **Tier III Beach will be a beach that has for at least two years not had a single sample exceedence, having Tier III status indicates waters are of low health concern and/or receive low usage, that minimal resources will be devoted to, less intensive monitoring, and public notification efforts in that area.

Tidal Range (ft)

**Approximate Beach Slope
at High Tide**

1:50

1:25

1:10

Sediments

Sandy

Soft

Very Mucky

Beach Length

0-50ft

50-100ft

100-500ft

500+ft

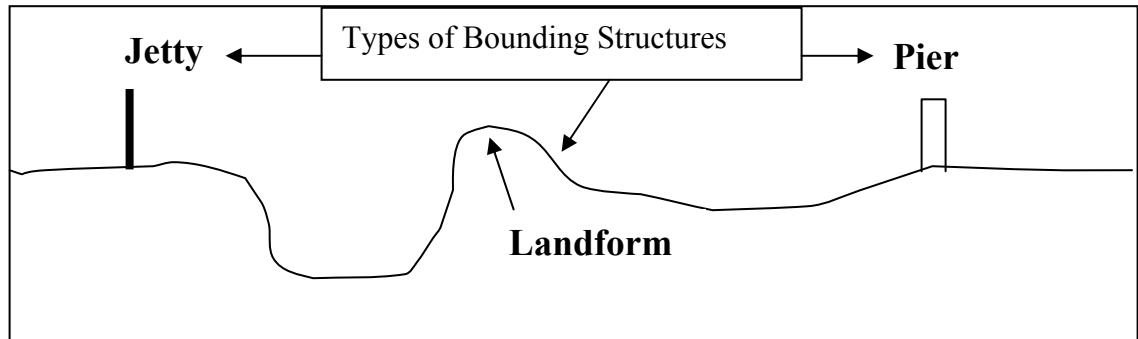
From Town owned Boundaries

Bounding Structures

None

1 Side

2 Sides



Water Quality in Recent Years

Year	Number of Samples	Number of Exceedences both Single Sample and Geometric Mean
2003		
2002		
2001		

Current Single Sample Regulatory Limits are 104 colonies per 100-ml of sample, Exceedence > 104/100-ml

Current Geometric Mean Regulatory Limits are the (5) most recent samples must calculate to be <35 colonies per 100ml

Other Potential Sources of Contamination

Yes

No

**Boats Moored within 500 ft of the beach
That contains bilge tanks**

**Boats Moored within 500 ft
That does not contain bilge tanks**

Shorebirds Commonly Seen

Wrack Present

Ground water Seepages

Dogs Waste on the Beach

Adjacent Beaches

Beach Name (include all public and semi-public beaches within ½ mile)	Location from Surveyed Beach (East, West, etc)	Number of Exceeded Samples within 1 year

Yes No I don't know

Does ALL of the Surface Watershed Have Municipal Sewer

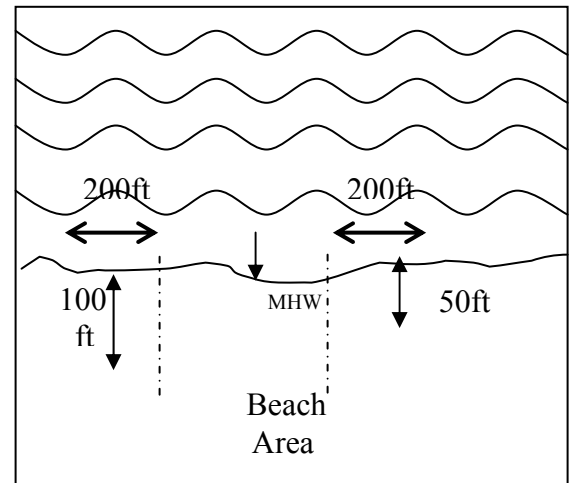
Subsurface Sewage Disposal (title 5 type) 0-5 5-20 20+

Within 50 feet of MHW²
& within 200 feet of
ends of beach bounds**

**Within 100 feet of MHW
& within 200 feet of
ends of beach bounds**

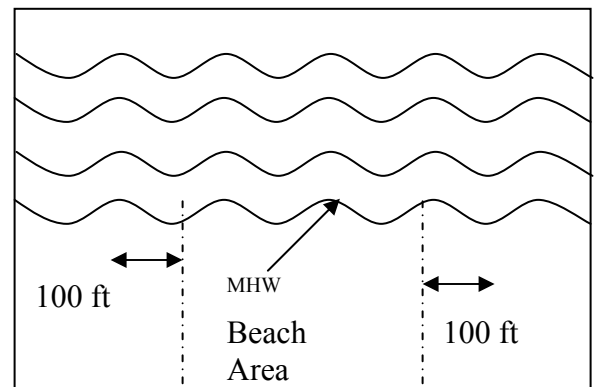
Subsurface Sewage Disposal (non title 5 type) 0-5 5-20 20+

Within 50 feet of MHW³
& within 200 feet of
ends of beach Town
Ownership boundaries
within 100 feet of MHW
& within 200 feet of
ends of beach Town
Ownership boundaries**



Pipes & Drains within 100 ft of Beach Town Ownership Boundaries Yes (#) No I don't know

Combined Sewer Overflow —
Sanitary Sewer Overflow —
Storm Water Overflow —



² ** MHW means Mean High Water, or average high tide line

³ ** MHW means Mean High Water, or average high tide line

Storm Water Pipes& Drains within 50 feet of Bathing Area

	Diameter In Inches	Dry Weather Flow (Yes, No)	Estimated Length of Road Drained In Feet	Parking Lot Drained (Yes, No)	Housing Density Houses per Acre		
					1-4	5-10	10+
1							
2							
3							
4							
5							

Streams Draining Marshes within **100 ft** **200ft** **500ft** **None**

Indication of Animals **Yes** **No**

Are Dogs Allowed on the Beach

Are Dogs Present

**Agricultural & Vacant Areas Adjacent
to the bathing Area with** **100 feet** **500 feet**

Area of ½ Acre or more

Sanitary Facilities at the Beach **Yes** **No**

**Average Seasonal Daily
Bather Load** **0-100** **100-200** **200+**

Tier III Priority Ranking Based on Sanitary Survey Findings

			Total Points
Sediments	Sandy Soft Very Mucky	0 points 5 points 10 points	
Groundwater Seepages	Yes No	2 points 0 points	
Bounding Structures	1 side 2 sides None	1 point 2 points 0 points	
Moored Boats within 500 ft	Yes No	5 points 0 points	
Shorebirds commonly seen	Yes No	2 points 0 points	
Wrack Present	Yes No	2 points 0 points	
Septic Systems within 50ft of MHW, 200ft of bounds	0-5 systems 5-20 systems 20+ systems	0 points 5 points 10 points	
Septic Systems within 100ft, and 200ft of bounds	0-5 systems 5-20 systems 20+ systems	0 points 0 points 5 points	
Combines sewer overflow within 100 ft	Yes No	10 points per pipe 0 points	
Sanitary Sewer Overflow within 100 ft	Yes No	10 points per pipe 0 points	
Stormwater drains within 100 ft	Yes No	5 points per pipe 0 points	
Streams draining marshes	100ft 200ft 500ft	5 points 2 points 0 points	
Dogs allowed on the beach	Yes No	10 points 0 points	
Dogs or scat seen on the beach	Yes No	5 points 0 points	
Agricultural and Vacant land ½ + acre	100ft 500ft	2 points 1 point	
Sanitary Facilities at the each	Yes No	0 points 5 points	
Bather Load	>100	3 points	

Low Priority 0-30 points
 Moderate Priority 31-60 points
 High Priority 61+ points

The Tier III Priority Ranking Sheet may be used as a guide for comparing beach eligibility for sampling variance